

```
#!/usr/local/bin/perl
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#
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#
# $Id: classify.pl,v 1.1 1999/05/05 13:20:39 rmartija Exp $
#
#  
undef;
require 'getopts.pl';

$USAGE = "Usage: " . $0 . " [-D] -p path -d file -t type -h file\n\n".
"Options:\n".
"  -D      debug mode\n".
"  -p path  output directory\n".
"  -d file   name of domains file\n".
"  -t type   domain type (1=US only, 2=Non-US only, 3=Global)\n".
"  -h file   name of hosts file\n\n".
"Example:\n".
"  $0 -p ../data/local -d alldomains.lcl -t 1 -h dat.txt\n".
"  $0 -D -p ../data/national -d alldomains.nat -t 2 -h dat.txt\n".
"  $0 -p ../data/non-us -d alldomains.nus -t 3 -h dat.txt\n\n";

#-----
#-----  
sub prompt {
    my( $msg, $choices, $default, $nocase ) = @_;
    my( $reply );

    print STDERR $msg;

    print STDOUT " ($choices)" if( $choices );
    print STDOUT "? ";
    print STDOUT "[${default}] " if( $default );

    $reply = <STDIN>;
    chop( $reply );

    ($reply =~ tr/a-z/A-Z/) if( $nocase );
    ($reply = $default) if( length($reply) == 0 && $default );

    return $reply;
}

#-----
#-----  
sub overwrite {
    my( $file ) = @_;

```

```
return 1 if( ! (-e $file || -d $file) );

my( $msg ) = "$file exists. Overwrite";
return 1 if( &prompt($msg, "Y/N", "Y", 1) eq "Y" );
return 0;
}

#####
##### main program #####
#####

$x = &Getopts( 'd:h:p:t:D' );
die "$!USAGE\n" unless ($x ne '');

die "ERROR: cannot open $opt_d\n" unless -r $opt_d;
die "ERROR: cannot open $opt_h\n" unless -r $opt_h;
die "ERROR: domain type not specified\n$USAGE\n" unless $opt_t;

die "ERROR: invalid domain type ($opt_t)\n$USAGE\n"
unless (int($opt_t) >= 1 && int($opt_t) <= 3);

chop( $basket = `basename $opt_d` );
open( F, "< $opt_d" );
@domains = <F>;
close( F );

unlink "$opt_p/$basket" unless $opt_t == 3;
foreach $domainName (@domains) {
    chop( $domainName );
    $cmd = "grep '\\\\.$domainName\\$' $opt_h | cut -d\":\\\" -f1" ;
    if( $opt_t == 3 ) {
        $cmd .= "> $opt_p/$domainName" ;
    }
    else {
        $cmd .= ">> $opt_p/$basket" ;
    }
    `$cmd`;
}
```